

LISTING OF CLAIMS

This listing of claims is provided for the convenience of the Examiner; no amendments are included in this listing of claims:

Listing of Claims:

Claim 1 (Previously Presented): A method of cleaning a surface comprising the step of jetting against a surface to be cleaned, a cleaning fluid comprising a liquid base fluid and degradable particles wherein the degradable particles act as an abrasive agent and wherein the degradable particles have an average particle size greater than 300 μm .

Claim 2 (Original): The method of claim 1 wherein the base fluid comprises an aqueous fluid.

Claim 3 (Original): The method of claim 1 wherein the base fluid comprises fresh water, salt water, brine, seawater, or a combination thereof.

Claim 4 (Cancelled).

Claim 5 (Previously Presented): The method of claim 1 wherein the degradable particle is a solid particle comprising a polysaccharide; a chitin; a chitosan; a protein; an aliphatic polyester; a poly(lactide); a poly(glycolide); a poly(ϵ -caprolactone); a poly(hydroxybutyrate); a poly(anhydride); an aliphatic polycarbonate; a poly(orthoester); a poly(amino acid); a poly(ethylene oxide); a polyphosphazene; a polyvinyl alcohol; poly(adipic anhydride); poly(suberic anhydride); poly(sebacic anhydride); poly(dodecanedioic anhydride); poly(maleic anhydride); poly(benzoic anhydride); or a combination thereof.

Claim 6 (Original): The method of claim 1 wherein the degradable particle is a solid particle comprising a dehydrated salt.

Claim 7 (Original): The method of claim 1 wherein the degradable particle is a solid particle comprising a solid anhydrous borate, anhydrous sodium tetraborate, anhydrous boric acid, or a combination thereof.

Claim 8 (Original): The method of claim 1 wherein the base fluid comprises a nonaqueous fluid.

Claim 9 (Original): The method of claim 8 wherein the nonaqueous base fluid comprises a mineral oil, a synthetic oil, an ester, or a combination thereof.

Claim 10 (Original): The method of claim 8 wherein the cleaning fluid further comprises a compound that will produce water upon degradation.

Claim 11 (Original): The method of claim 8 wherein the degradable particle further comprises a compound that will produce water upon degradation.

Claim 12 (Original): The method of claim 10 wherein the compound that will produce water upon degradation comprises a hydrate of an organic acid; a hydrate of an organic acid salt; a hydrate of an inorganic acid; a hydrate of an inorganic acid salt; a starch-based polymer; a cellulose-based hydrophilic polymer; or a combination thereof.

Claim 13 (Original): The method of claim 11 wherein the compound that will produce water upon degradation comprises a hydrate of an organic acid; a hydrate of an organic acid salt; a hydrate of an inorganic acid; a hydrate of an inorganic acid salt; a starch-based polymer; a cellulose-based hydrophilic polymer; or a combination thereof.

Claim 14 (Original): The method of claim 1 wherein the degradable particles have an average particle size of from about 400 mesh to about 8 mesh.

Claim 15 (Original): The method of claim 1 wherein the cleaning fluid is jetted at the surface to be cleaned at a jet pressure differential of below about 2,000 psi.

Claim 16 (Original): The method of claim 1 wherein the cleaning fluid is jetted at the surface to be cleaned at an angle from about 30 degrees to about 70 degrees relative to the surface to be cleaned.

Claim 17 (Original): The method of claim 1 wherein the cleaning fluid further comprises a scale inhibitor, a chelating agent, a corrosion inhibitor, a clay stabilizer, or a combination thereof.

Claim 18 (Original): The method of claim 1 wherein the cleaning fluid comprises from about 0.1 to about 1 pound of degradable particles per gallon of base fluid.

Claims 19-59 (Cancelled).

Claim 60 (Previously Presented): A method of cleaning a surface comprising the step of jetting against a surface to be cleaned, a cleaning fluid comprising a liquid base fluid and degradable particles wherein the degradable particles act as an abrasive agent and wherein the degradable particles comprise a degradable polymer.

Claim 61 (Previously Presented): The method of claim 60 wherein the degradable polymer is a solid particle comprising a polysaccharide; a chitin; a chitosan; a protein; an aliphatic polyester; a poly(lactide); a poly(glycolide); a poly(ϵ -caprolactone); a poly(hydroxybutyrate); a poly(anhydride); an aliphatic polycarbonate; a poly(orthoester); a poly(amino acid); a poly(ethylene oxide); a polyphosphazene; a polyvinyl alcohol; poly(adipic anhydride); poly(suberic anhydride); poly(sebacic anhydride); poly(dodecanedioic anhydride); poly(maleic anhydride); poly(benzoic anhydride); or a combination thereof.

Claim 62 (Previously Presented): The method of claim 60 wherein the degradable particles have an average particle size greater than 300 μm .